

ABSTRACT**Device for the automated cutting of bread into slices**

5 A device 1 for the automated cutting of bread 4 into slices comprising an
element 7 driving the bread 4 and a set of blades 8 for slicing the bread
4, the drive element 7 being arranged so as to be moved in a translation
movement transversely to the set of blades 8 by a movement means 10
coupled to said drive element 7, between a first retracted position in
10 which the bread 4 to be sliced can be loaded into the device 1 and a
second advanced position in which the element 7 driving the bread 4 is
adjacent to the set of blades 8 and the sliced bread can be removed from
the device 1, the latter also comprising a regulation means 14 arranged
to automatically regulate the power supplied by the movement means 10
15 according to the speed and/or acceleration of the translation movement
of the element 7 driving the bread 4 during the operation of slicing it.
Said regulation means 14 is arranged to compare the speed of
movement of the drive element 7 with a predetermined speed and to
respectively increase or reduce the power of the means 10 of moving
20 said drive element 7 when said speed of movement is respectively less
than or greater than the predetermined speed.

(Fig 1)